FIG.1
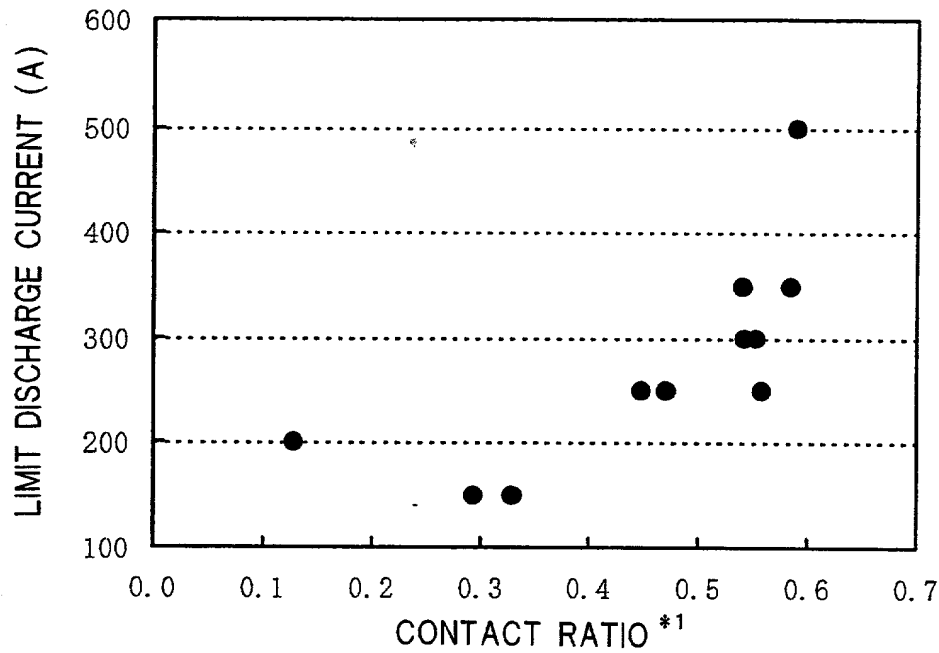

$$*1. \ \text{CONTACT RATIO} = (\theta_1 - \theta_2)/\theta_1$$

$\left(\begin{array}{l} \theta_1 : \text{CONTACT ANGLE MEASURED IMMEDIATELY AFTER DROPPING} \\ \theta_2 : \text{CONTACT ANGLE MEASURED 15 MINUTES AFTER DROPPING} \end{array} \right)$
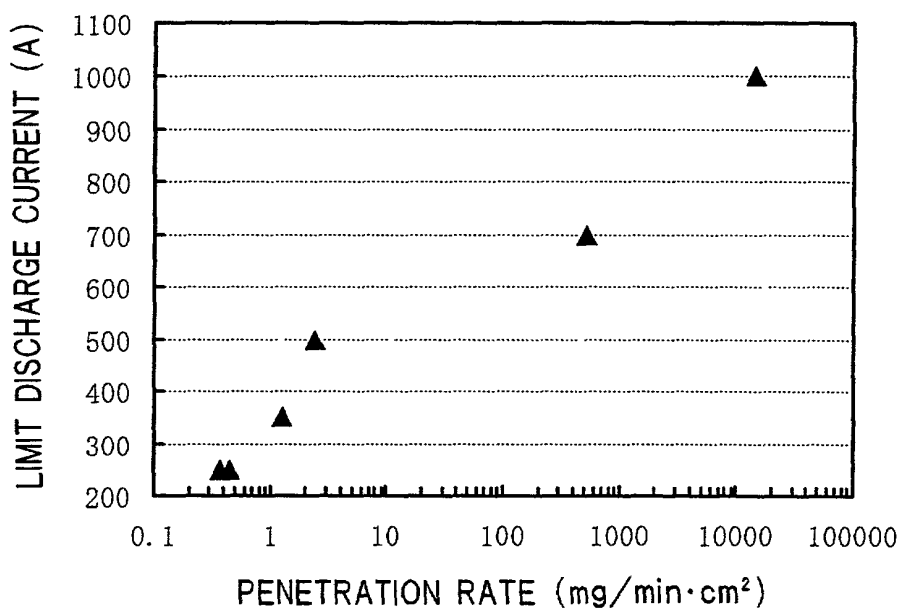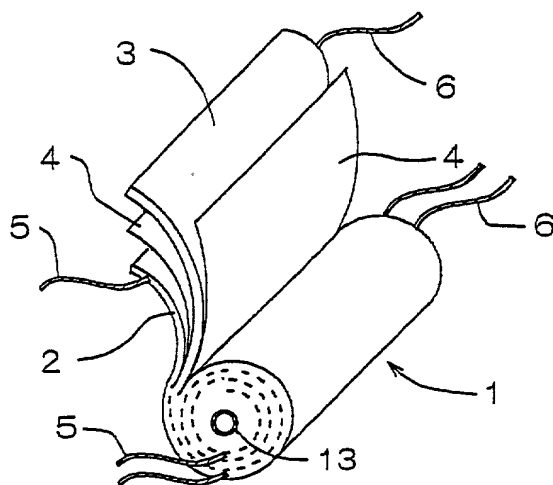
FIG.2

FIG.3

FIG.4